

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicants:** Timothy J. Miller, et al.

**Examiner:** M. G. Hill

**Serial No.** 10/646,874

**Art Unit:** 1648

**Filed:** August 22, 2003

**Docket:** 15463ZYXWV  
(PC9003F)

**For:** RECOMBINANT FELINE  
CORONAVIRUS S PROTEINS

**Dated:** September 10, 2004

**Confirmation No.:** 6784

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE PURSUANT TO 37 C.F.R. §§1.111 AND 1.143**

Sir:

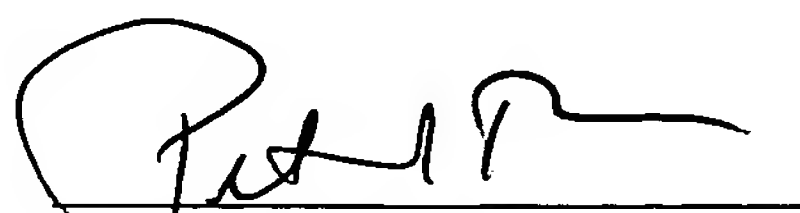
In response to the Office Action dated June 16, 2004, setting forth a requirement for restriction, and in accordance with the provisions of 37 C.F.R. §§1.111 and 1.143, Applicants provisionally elect, with traverse, the subject matter of Group I, claims 1-4 and 6-10, drawn to a protein comprising a peptide from the S protein of a coronavirus virus strain. As a consequence of the election of Group I, Applicants further elect for examination A) the protein useful in diagnosis; B) residues 137-151 of SEQ ID No: 22; and C) the WT FIPV DF2 virus.

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**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on September 10, 2004.

**Dated:** September 10, 2004

  
Peter I. Bernstein